

FLEXCHEM™ 4551-02

Flexible Polyvinyl Chloride

Colorite Polymers

Message:

FLEXCHEM™ 4551-02 is a Flexible Polyvinyl Chloride product. It can be processed by extrusion or injection molding and is available in Asia Pacific, Europe, or North America. Applications of FLEXCHEM™ 4551-02 include engineering/industrial parts, medical/healthcare, food contact applications and hose/tubing.

Characteristics include:

Plasticized

Good Flexibility

Good Mold Release

Non-Toxic

Wear Resistant

General Information			
Additive	Plasticizer		
Features	Durable		
	Good Flexibility		
	Good Mold Release		
	Non-Phthalate Plasticizer		
	Non-Toxic		
Uses	Gaskets		
	Medical/Healthcare Applications		
	Pump Parts		
	Tubing		
Agency Ratings	FDA Unspecified Rating		
	USP Class VI		
Appearance	Translucent		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.16	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	45		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant	2.65	MPa	ASTM D638
Tensile Strength	7.86	MPa	ASTM D638
Tensile Elongation (Break)	410	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method

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Recommended distributors for this material

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